

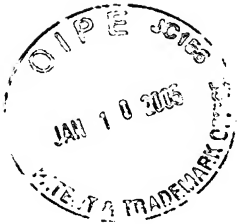
| | | |
|-----------------------------------------------------------------------------------------|------------------------|----------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/801,424 |
| | Filing Date | March 16, 2004 |
| | First Named Inventor | Ruizhong HU |
| | Art Unit | 1764 |
| | Examiner Name | Unknown |
| Total Number of Pages in This Submission | Attorney Docket Number | W9570-01 |

| ENCLOSURES (Check all that apply) | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declarations) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CID, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CID | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks --Information Disclosure Statement Letter/Petition For Consideration Under 37 CFR Section 1.8; and, --Return Receipt Postal Card | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--------------------------------------------|----------------------|----------|-------|
| Firm Name | W R Grace & Co.-Conn | | |
| Signature | | | |
| Printed name | Charles A. Cross | | |
| Date | January 10, 2005 | Reg. No. | 32406 |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: | | | |
| Signature | | | |
| Typed or printed name | Debra P. Darcey | Date | January 10, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|------------------------------------------|---|------------------------|
| In re Application of : |) | Date: January 10, 2005 |
| Hu, Ruizhong et al. |) | |
| |) | |
| Serial No.: 10/801.424 |) | Examiner: Unknown |
| |) | |
| Filed: March 16, 2004 |) | Group Art Unit: 1764 |
| |) | |
| For: "Gasoline Sulfur Reduction Catalyst |) | |
| For Fluid Catalytic Cracking Process" |) | |
| |) | |

Mail Stop AMENDMENTS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

Pursuant to 37 CFR §1.8, I hereby certify that I have a reasonable basis to expect that this correspondence will be deposited with the United States Postal Service on or before the date indicated as first class mail in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

| | |
|----------------|--------------------------------|
| <u>1/10/05</u> | <u><i>Judith P. Parcey</i></u> |
| Date | Signature |

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL
LETTER/PETITION FOR CONSIDERATION UNDER 37 CFR §1.97

I. Enclosed is:

- a. ☒ Information Disclosure Statement Form No. PTO-1449 and copies of references where indicated.
- b. ☐ Copy of the European Search Report dated _____ on European Application No. _____ which is:
- ☐ The European counterpart of the above-identified U.S. application or one of its Parental ancestors, i.e. USSN _____, filed _____.
- ☐ The European counterpart of related USSN _____, filed _____.
- c. ☐ Copy of the PCT Search Report dated _____ on PCT Application No. _____ which is:
- ☐ The PCT counterpart of the above-identified U.S. application or one of its Parental ancestors, i.e. USSN _____, filed _____.

☐ The PCT counterpart of related USSN _____, filed _____.

d. ☐ Copy of the _____ Search Report dated _____ on the corresponding _____ counterpart of the above-identified U.S. application.
(country)

e. ☐ Explanatory comments attached hereto as Appendix 1.

f. ☐ COPIES_(check at least one box)

☐ A legible copy of (i) each ☐ U.S.* ☐ foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed. (*Copies Of US Patents do not have to be provided for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003).

☐ Some or all of the documents listed on the PTO1449 are not enclosed because they were cited in the International Search Report and copies should already be in the PTO file. If copies are needed, please contact the undersigned.

g. ☐ Concise Explanation Of Relevance
(check at least one box)

☐ Documents Not In The English Language

☐ A concise explanation of the relevance of all patents, publications or other information listed that is **not** in the English language is as follows:

☐ A concise explanation of the relevance of all patents, publications or other information listed that is **not** in the English language is as attached.

☐ Documents In The English Language
All of the patents, publications or other information are in the English language. No statement of relevancy is required.

☐ English Language Search Report
An English language version of the search report or action which indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

☐ Other
The following additional information is provided for the Examiner's consideration.

II. ☒ The Examiner is requested to consider the references cited in the attached Information Disclosure Statement without a fee or certification because it was filed:

☐ within three months of the filing date of this national application, other than a continued prosecution application under 1.53(d);

☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application;

- ☒ before the mailing date of a first Office Action on the merits; or
- ☐ before the mailing of a first Office Action after filing of a Request for Continued Examination under §1.114.

III. ☐ The Examiner is requested to consider the attached Information Disclosure Statement pursuant to 37 CFR §1.97(c) in that it is being filed after the periods specified in Paragraph II above, but before the first to occur of the mailing date of either:

- ☐ Final Action under 37 CFR §1.113; or
- ☐ Notice of Allowance under 37 CFR §1.311; or
- ☐ An action that otherwise closes prosecution in the application;

and in support of such request the undersigned either:

- ☐ has made the certification hereinbelow at Paragraph IVB pursuant to 37 CFR §1.97(e); or
- ☐ is paying a petition fee under 37 CFR §1.17(p) in the amount of \$180.00.

IVA. ☐ The Examiner is requested to consider the attached Information Disclosure Statement pursuant to 37 CFR §1.97(d) in that it is being filed before the payment of the Base Issue Fee and after the mailing date of any:

- (1) Final Action under 37 CFR §1.113;
- (2) Notice of Allowance under 37 CFR §1.311; or
- (3) An action that otherwise closes prosecution in the application.

and in support of said request the undersigned:

- (i) has made the certification hereinbelow at Paragraph IVB pursuant to 37 CFR §1.97(e); and
- (ii) is paying a petition fee under 37 CFR §1.17 (P) in the amount of \$180.00.

IVB. Certification Under 37 CFR §1.97(e)
[applicable to only III or IV above]

- ☐ The undersigned hereby certifies that for each item of information contained in the Information Disclosure Statement it was either:
 - (1) first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement, or
 - (2) not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned upon making reasonable inquiry, was not known to any individual designated in §1.56(c) more than three months prior to the filing of the statement.

- V. ☐ The Examiner is requested to make the art of record in the following parental U.S. applications relied upon for an earlier filing date under 35 USC §120, of record in the present above-identified application.

| U. S. Serial No. | Filing Date |
|------------------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |


VI. Fee Payment

- ☐ Petition fee under 37 CFR §1.17(p) to consider Information Disclosure Statement under 37 CFR §1.97(c) and (d) (fee code 1806) is \$180.00.
- ☐ Charge \$_____ to Deposit Account No. 07-1770.
- ☐ The Commissioner is hereby authorized to charge any additional fees under 37 CFR §1.16 and §1.17 which may be required by this paper, or credit any overpayment, to Deposit Account No. 07-1770. A duplicate copy of this Form is enclosed.
- ☐ A check in the amount of the fee is enclosed
- ☒ No fee due.

January 10, 2005
Date of Signature

Charles A. Cross
Attorney or Agent
Charles A. Cross - Reg. No. 32,406
Telephone: (410) 531-4508

Post Office Address (to which correspondence is to be sent): W. R. Grace & Co.-Conn.
Patent Dept.
7500 Grace Drive
Columbia, MD 21044-4098

| | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|----------------|-----------------------------------------|----------|---------------------------------------------------------------------|--------------------------|
| Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i> | | | | ATTY. DOCKET NO. W9570-01 | | Page <u>1</u> of <u>1</u> SERIAL NO 10/801,424 | |
|  | | | | APPLICANT Hu et al. | | | |
| | | | | FILING DATE 3/16/2004 | | GROUP 1764 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL* | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | Copy Submitted |
| | 5670037 | 9/23/1997 | Zaiting et al. | 208 | 114 | 4/25/1994 | <input type="checkbox"/> |

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| EXAMINER | DATE CONSIDERED |
| *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |